

#20  
4-21-03

Official Dm

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Freed

Serial No.: 09/35944

Filed: 3/6/98

For: System and Method of Improving the  
Dynamic Range of a Receiver in the Presence of a  
Narrowband Interfering Signal

Attorney's Docket No: 4015-2743

Group Art Unit: 2685

Commissioner for Patents  
Washington, D.C. 20231RECEIVED  
4/9/03**REVOCATION AND POWER OF ATTORNEY  
WITH STATEMENT UNDER 27 CFR 3.73 (b)  
AND CHANGE OF CORRESPONDENCE ADDRESS**

Sir:

Ericsson Inc., a corporation, certifies that it is the assignee of the entire right, title and interest in and to the above-entitled U.S. patent application, and the invention disclosed therein, by virtue of the assignment from the inventor(s) to Ericsson Inc. recorded in the Patent and Trademark Office at Reel/Frame 9017/0183. A copy of the assignment is attached hereto.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, Ericsson Inc. is the assignee of the entire right, title and interest in the U.S. patent application identified.

Ericsson Inc. hereby revokes all previous Powers of Attorney and appoints as my attorneys and/or agents with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefore before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified application, all of

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the registered practitioners of the law firm of Coats & Bennett, P.L.L.C. identified by  
Customer Number 24112:

**\*24112\***

**24112**

PATENT TRADEMARK OFFICE

and the following Ericsson Inc. attorneys and/or agents: Stephen A. Calogero, Reg. No. 41,491; Dennis J. Williamson, Reg. No. 32,338; Mark C. Terrano, Reg. No. 40,200; Jon Han, Reg. No. 41,403; Sidney Weatherford, Reg. No. 45,602; and Roger Burleigh, Reg. No. 40,542.

Please address all future correspondence to

David E. Bennett  
Coats & Bennett, P.L.L.C.  
1400 Crescent Green, Suite 300  
Cary, North Carolina 27511

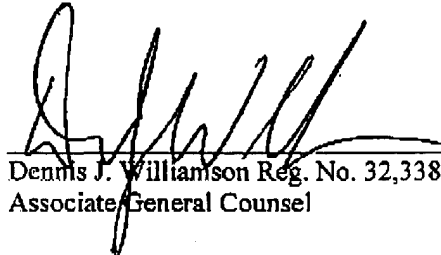
Please direct all telephone calls about this application and the resulting patent to:

David E. Bennett  
Telephone: (919) 854-1844

The undersigned is empowered to sign this statement on behalf of the assignee.

Date

3/6/03



Dennis J. Williamson Reg. No. 32,338  
Associate General Counsel

Ericsson Inc.  
511 Davis Drive  
Research Triangle Park, NC 27709  
Tel: (919) 472-1154  
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4015-2743



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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/06/1998

REEL/FRAME: 9017/018  
NUMBER OF PAGES: 3

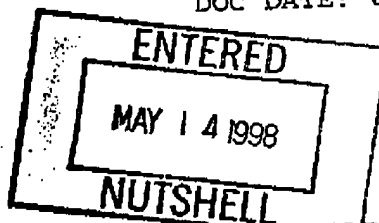
BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS)

ASSIGNOR:  
FREED, JOHN G.

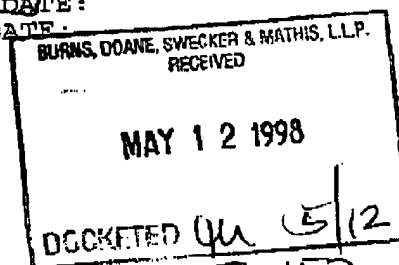
DOC DATE: 03/02/1998

ASSIGNEE:  
ERICSSON, INC.  
7001 DEVELOPMENT DRIVE  
RESEARCH TRIANGLE PARK  
NORTH CAROLINA  
27709

SERIAL NUMBER: 09035944  
PATENT NUMBER:



FILING DATE:  
ISSUE DATE:



STEVEN POST, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

027575-152  
ERICSSON  
RLG(SMD)/JPW

03/03

03-12-1998

FORM PTO-1595  
(Rev. 6/93)

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U.S. DEPARTMENT OF COMMERCE  
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IT

Attorney's Docket No. 027575-152

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof

## 1. Name of conveying party(ies):

John G. Freed

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name

Other: \_\_\_\_\_

Execution Date: March 2, 1998

## 2. Name and address of receiving party(ies):

Name: Ericsson, Inc.Address: 7001 Development DriveResearch Triangle Park, NC 27709Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: March 2, 1998

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Ronald L. GrudzieckiAddress: Burns, Doane, Swecker & Mathis, L.L.P.Post Office Box 1404Alexandria, Virginia 22313-14046. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$40.00☒ Enclosed☒ Authorized to be charged to deposit account, if necessary

## 8. Deposit account number:

02-4800

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jennifer P. Wright, Registration No. 41,385  
Name of Person SigningJennifer P. Wright  
SignatureMarch 6, 1998  
DateTotal number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 2023103/11/1998 SCANNED 09000109 09025944  
03 FC:381

40.00 89

027575-152

Attorney's Docket No.

## ASSIGNMENT (SOLE)

THIS ASSIGNMENT, by JOHN G. FREED, residing at 8909 LINDENSHIRE ROAD, RALEIGH, NORTH CAROLINA 27615 (hereinafter referred to as "the Assignor"), witnesseth:

WHEREAS, the Assignor has invented certain new and useful improvements in SYSTEM AND METHOD OF IMPROVING THE DYNAMIC RANGE OF A RECEIVER IN THE PRESENCE OF A NARROWBAND INTERFERING SIGNAL set forth in an application, [ ] which is a provisional application to be filed herewith; [X] which is a non-provisional application having an oath or declaration executed on even date herewith prior to filing of application; [ ] bearing Application No. \_\_\_\_\_, and filed on \_\_\_\_\_; and

WHEREAS, ERICSSON, INC., a corporation duly organized under and pursuant to the laws of DELAWARE, and having its principal place of business at 7001 DEVELOPMENT DRIVE, RESEARCH TRIANGLE PARK, NORTH CAROLINA 27709 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said application, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent

# Coats & Bennett

1400 Crescent Green, Suite 300 Cary, North Carolina 27511  
Phone: (919) 854-1844 Facsimile: (919) 854-2084

**TO:** Mr. Arthur McCloud

**COMPANY:** USPTO- G.A.U. 2600

**FAX:** (703) 872-9314

**FROM:** Alfonso Sandoval

**DATE:** 4/9/2003

**Pages including cover sheet:** 21

**COMMENTS:**

**Mr. McCloud,**

**Here are the Revocations & New Power of Attorney for the cases we discussed a few minutes ago. I'm going to send them one case at a time so to avoid any mix-ups.**

**Thank you very, very much for your prompt response to my call and your assistance in this matter.**

**Best regards,  
Alfonso**

**NOTE: This information is privileged and confidential and intended ONLY for the individual or entity named above. If you should receive this transmission in error, please notify our office and return the original to the above address via the U.S. Postal Service.**